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IDENTIFIERS *Arizona

ABSTRACT

This six-part report summarizes, using over 30 graphs and charts, fiscal and enrollment data on the 13 Arizona community college districts for fiscal year (FY) 1978-79. Part I identifies the members of the State Board of Directors for the Community Colleges of Arizona, presents the Board's statement of philosophy, and delineates the Board's expenditures for FY 1978-79. Part II contains a directory identifying the individual colleges within each district. Part III provides financial data, including information related to the source and disposition of funds, current operating expenditures, state aid income, and bonded indebtedness. Part IV presents enrollment data, detailing: (1) the full-time student equivalent history for each district from 1963 through 1979, (2) student demographic characteristics for Fall 1978 and Spring 1979, (3) college staffing profiles, and (4) enrollment by program area. Part V identifies the credit and non-credit vocational offerings in each district, details the allotment of federal vocational funds to the districts, and describes three vocational education projects completed during the fiscal year to improve cooperative education, revise the fire science education curriculum and revise the criminal justice curriculum. Part VI concludes the report with an historical overview of enrollment and fiscal trends. (JP)

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ARIZONA COMMUNITY COLLEGES

Annual Report to the Governor

Fiscal 1978-79

STATE BOARD OF DIRECTORS FOR COMMUNITY COLLEGES OF ARIZONA

JC 800 157

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SECTION ONE

STATE BOARD

OF

DIRECTORS

FOR

COMMUNITY COLLEGES

OF

ARIZONA

State Board of Directors for Community Colleges of Arizona

1037 WEST JEFFERSON, BLDG. A
PHOENIX, ARIZONA 85009
(602) 255-4037

BOARD MEMBERS

		Term Expires 3rd Monday in:
C. Theodore Kraft, Chairman	Cochise County	January 1981
Don R. Preston, Vice Chairman	Graham County	January 1981
Elizabeth A. Packard, Secretary	Coconino County	January 1982
Johnny Gregovich, Treasurer	Gila County	January 1982
Joe Atmar	Yuma County	January 1980
Jacob Baker	Navajo County	January 1986
Walter Brazie	Mohave County	January 1980
John Cuthbertson	Greenlee County	January 1985
Manuel H. Garcia	Pima County	January 1984
Wanda G. Hall	Apache County	January 1984
C. L. Harkins	Maricopa County	January 1983
James F. Haythornewhite	Santa Cruz County	January 1986
A. Paul Pearce	Pinal County	January 1985
Robert W. Prochnow	Yavapai County	January 1983
Gary Bellrichard	Ex-Officio, Vocational Education	
Dwight W. Patterson	Ex-Officio, Board of Regents	
Carolyn Warner	Ex-Officio, State Superintendent, Public Instruction	

ADMINISTRATIVE STAFF

Russell O. Bloyer, Executive Director
Eugene L. Dorr, Associate Director for Educational Services
Thomas J. Saad, Associate Director for Administrative Services
Sharon M. Wheeler, Research and Statistical Analyst
Helen G. Bracken, Certification Officer

STATEMENT OF PHILOSOPHY

The philosophy of the Arizona community college system is a reflection of the purpose of a free democratic society: government of, by and for the people. This can best be achieved by an educated populace so that all may exercise intelligently and morally the rights, privileges and duties of self-government. This entails the affirmation that each individual has worth and dignity, must be afforded an opportunity to develop skills and talents, and must share the responsibilities of providing educational services with the community.

Further, the philosophy recognizes that education is a vital lifelong process that--like the society to which it responds--is never static nor completely realized. Education in a democratic society aims to equip all members with the knowledge and techniques necessary for coping with the economic, social and political dynamics affecting not only the individual but also the community.

It is therefore appropriate that the individual, the community and the state should share the financing and governance of the community college system. At the district level, fiscal and educational policy can be determined by local needs. At the state level, it is imperative to establish standards, and to assess and coordinate needs and services in the best interest of the state.

Because the communities in Arizona differ widely in demographic, economic and geographical characteristics, the community colleges of Arizona must be permitted relative autonomy and a variety of curricula. But each community college must be committed to the following general objectives:

1. To offer the first two years of baccalaureate parallel or preprofessional courses of the highest quality, so that students enrolled in transfer programs may complete study for the baccalaureate in four-year colleges and universities.

2. To provide occupational programs in technical, vocational and paraprofessional fields leading to an associate degree or a certificate, and to provide retraining and upgrading of skills in these fields, so that students enrolled in occupational programs are qualified to meet current needs of the labor market.

3. To provide appropriate general education for all citizens, so that they may perform their personal and professional roles more effectively, and exercise their obligations and privileges as citizens more intelligently.

4. To offer programs in continuing education for those who wish to improve professional skills, acquire new ones, or expand their fields of knowledge and general interest.

5. To provide sound academic and occupational counseling, including job placement services, so that students may learn to define their goals clearly and pursue them realistically.

6. To provide cultural and community service programs for the enrichment of the community, and to encourage the use of community college facilities and services by all citizens of the community for educational and cultural purposes.

Finally, a democratic society prizes and values individual differences. The role of the community college is to encourage men and women of all ages to develop their skills and talents differently, each according to abilities and interests, so that collectively they contribute to the continuum of democracy.

STATE BOARD OF DIRECTORS FOR COMMUNITY COLLEGES OF ARIZONA

1978-79 Expenditures for State Board and Central Staff

General Fund Expenditures	1978-79 Appropriations	1978-79 Actual Expenditures	1978-79 Reversion
No. of FTE Positions	7	7	
Personal Services	$ 168,000	$ 160,876	$ 7,124
Employee Related Expenditures	25,800	25,632	168
Professional Services	5,000	4,538	462
Travel - State	22,300	18,734	3,566
Travel - Out-of-State	2,500	1,225	1,275
Operating Expenditures	28,200	28,200	-0-
Total State Board and Central Staff	$ 251,800	$ 239,205	$ 12,595
State Aid to the Colleges	$ 38,532,039	$ 35,695,713	$2,836,326

Certification Fund Expenditures	No. of FTE Positions - 2	
Revenue		
Balance Forward July 1, 1978		$ 11,867
Certification Fees for Year		50,468
Total Revenues		62,335
Expenditures		
Personal Services	$ 27,108	
Employee Related Expenditures	5,008	
Other Operating Expenditures	4,265	
Total Expenditures		36,381
Balance Forward June 30, 1979		$ 25,954

Vocational Fund Expenditures	No. of FTE Positions - 1	
Revenue		
Balance Forward July 1, 1978		$ 8,918
Funds Received for Year		50,263
Total Funds		59,181
Expenditures		
Personal Services	$25,562	
Employee Rel. Exp.	3,509	
Other Operating Exp.	16,929	
Capital Outlay - Eq.	524	
Total Expenditures		47,524
Balance as of June 30, 1979		$11,657

CERTIFICATION ACTIVITIES - TEACHING CERTIFICATES ISSUED*

*Regular (Life)		
A-1-a	798	
A-1-b	122	
A-1-c	9	929
*Special (2-yr)		2,113
*Honorary (1-yr)		-0-
*Provisional (2-yr)		
A-4-a	654	
A-4-b	136	
A-4-c	6	796
	TOTAL	3,838

* New and renewals

SECTION TWO

ARIZONA

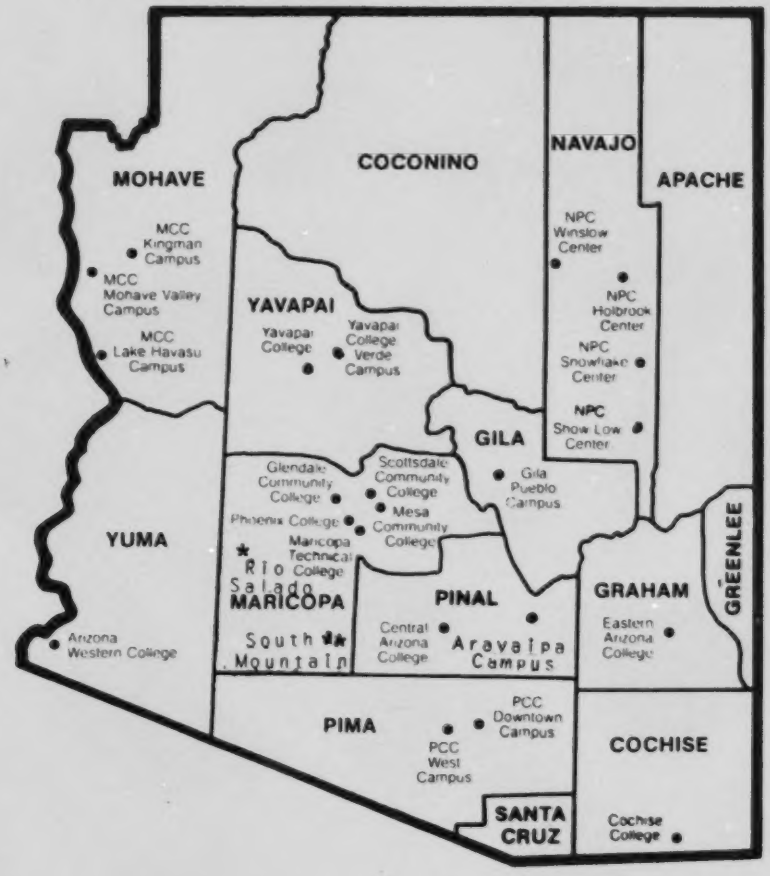
COMMUNITY

COLLEGE

DISTRICTS

ARIZONA

COMMUNITY COLLEGE DISTRICTS



	9	Community College Districts
	16	Colleges
	3	Skill Centers
	24	Campuses
approx.	400	Off Campus Locations
	*	Rio Salado Community College established Fall 1978. (Centers throughout Maricopa County)
	**	South Mountain Community College established Fall 1979.

ARIZONA STATE COMMUNITY COLLEGES AND CAMPUSES

CENTRAL ARIZONA COLLEGE
Woodruff at Overfield Road
Coolidge, Arizona 85228
President: Dr. Mel A. Everingham — Tel. 723-4141

ARAVAIPA CAMPUS
Aravaipa Road
Star Route, Box 97
Winkelman, Arizona 85292
Campus Dean: Dr. William A. Buttery — Tel. 356-7864

COCHISE COUNTY COMMUNITY COLLEGE DISTRICT

COCHISE COLLEGE
Douglas, Arizona 85607
President: Dr. Ernest Chiakmakis — Tel. 364-7943

SIERRA VISTA CAMPUS
901 Colombo
Sierra Vista, Arizona 85635
Division Chairman: Mr. Roy A. Kane — Tel. 458-7110

GRAHAM COUNTY COMMUNITY COLLEGE DISTRICT

EASTERN ARIZONA COLLEGE
Thatcher, Arizona 85552
President: Mr. Wayne M. McGrath — Tel. 428-1133

GILA PUEBLO CAMPUS
Box 2820
Globe, Arizona 85501
Executive Dean: Dr. William Raab — Tel. 425-7131

MARICOPA COUNTY COMMUNITY COLLEGE DISTRICT
P. O. Box 13349 (3910 East Washington Street)
Phoenix, Arizona 85002
Chancellor: Dr. Paul A. Elsner — Tel. 244-8355

GLENDALE COMMUNITY COLLEGE
6000 West Olive
Glendale, Arizona 85302
President: Dr. John R. Waltrip — Tel. 934-2211

MARICOPA COUNTY COMMUNITY COLLEGE DISTRICT (Cont'd)

MARICOPA TECHNICAL COMMUNITY COLLEGE
106 East Washington Street
Phoenix, Arizona 85003
President: Dr. Norbert I. Bruemmer — Tel. 258-7251

MESA COMMUNITY COLLEGE
1833 West Southern
Mesa, Arizona 85202
President: Mr. Theo Heap — Tel. 833-1261

PHOENIX COLLEGE
1202 West Thomas Road
Phoenix, Arizona 85013
President: Dr. William E. Berry — Tel. 264-2492

RIO SALADO COMMUNITY COLLEGE
102 North 40th Street
Phoenix, Arizona 85034
Acting President: Mr. Lionel J. Martinez — Tel. 275-7722

SCOTTSDALE COMMUNITY COLLEGE
9000 East Chaparral Road
Scottsdale, Arizona 85253
President: Dr. Arthur W. DeCabooter — Tel. 941-0999

SOUTH MOUNTAIN COMMUNITY COLLEGE
2406 South 24th Street, Suite E 129
Phoenix, Arizona 85034
President: Dr. Raul Cardenas — Tel. 275-7337

MOHAVE COUNTY COMMUNITY COLLEGE DISTRICT
MOHAVE COMMUNITY COLLEGE
1971 Jagerson Avenue
Kingman, Arizona 86401
President: Dr. Keith A. West — Tel. 757-4331

KINGMAN CAMPUS
1971 Jagerson Avenue
Kingman, Arizona 86401
Dean: Dr. George Nicholls — Tel. 757-4331

LAKE HAVASU CAMPUS
1977 West Acoma Boulevard
Lake Havasu City, Arizona 86403
Dean: Dr. Roger L. Johnson — Tel. 855-7812

MOHAVE VALLEY CAMPUS
3250 Highway 95
Bullhead City, Arizona 86430
Dean: Mr. La Rue Davidson — Tel. 758-3926

NAVAJO COUNTY COMMUNITY COLLEGE DISTRICT
NORTHLAND PIONEER COLLEGE
1200 East Hermosa Drive
Holbrook, Arizona 86025
President: Dr. Marvin L. Vasher — Tel. 524-6111

HOLBROOK CENTER
1200 East Hermosa Drive
Holbrook, Arizona 86025 — Tel. 524-6111

SHOW LOW CENTER
P. O. Drawer "Y"
Show Low, Arizona 85901 — Tel. 537-2976

SNOWFLAKE CENTER
P. O. Box 1000
Snowflake, Arizona 85937 — Tel. 536-7871

WINSLOW CENTER
P. O. Box AT
Winslow, Arizona 86047 — Tel. 289-5082

LAKESIDE-PINETOP VOCATIONAL CENTER
Lakeside, Arizona 85929
President: Dr. Marvin L. Vasher — Tel. 336-1414

PIMA COUNTY COMMUNITY COLLEGE DISTRICT
PIMA COMMUNITY COLLEGE
2202 West Anklam Road
Tucson, Arizona 85709
President: Dr. S. James Manilla — Tel. 884-6666

COMMUNITY CAMPUS
1225 North 10th Avenue
Tucson, Arizona 85705
Executive Dean: Dr. James E. Gibson — Tel. 884-6940

EAST EDUCATION CENTER
7830 East Broadway
Tucson, Arizona 85710
Dean: Dr. David L. Landsburg — Tel. 884-6580

DOWNTOWN CAMPUS
50 West Speedway Boulevard
Tucson, Arizona 85705
Acting Executive Dean: Mr. Ralph L. Wahrer — Tel. 884-6788

WEST CAMPUS
2202 West Anklam Road
Tucson, Arizona 85709
Executive Dean: Mr. Raymond J. Stith — Tel. 884-6666

YAVAPAI COUNTY COMMUNITY COLLEGE DISTRICT

VERDE VALLEY CAMPUS
Black Hills Drive
Box 165
Clarkdale, Arizona 86324
Executive Dean: Dr. Del P. Higham — Tel. 634-7501

YAVAPAI COLLEGE
1100 East Sheldon
Prescott, Arizona 86301
President: Dr. Dr. Joseph F. Russo — Tel. 445-7300

YUMA COUNTY COMMUNITY COLLEGE DISTRICT

ARIZONA WESTERN COLLEGE
P. O. Box 929
Yuma, Arizona 85364
President: Dr. Kenneth E. Borland — Tel. 726-1000

ARIZONA STATE COMMUNITY COLLEGES' SKILL CENTERS

CENTRAL ARIZONA COLLEGE

GILA RIVER CAREER CENTER
Sacaton, Arizona 85247
Associate Director: Dr. Robert Stewart — Tel. 562-3340

MARICOPA COUNTY COMMUNITY COLLEGE DISTRICT

MARICOPA COUNTY SKILL CENTER
4118 East Wood
Phoenix, Arizona 85040
Director: Mr. Jack Riddle — Tel. 243-4141

PIMA COUNTY COMMUNITY COLLEGE DISTRICT

TUCSON CAREER SKILL CENTER
55 North Sixth Avenue
Tucson, Arizona 85701
Director: Mrs. Mary D. Hammann — Tel. 623-8456

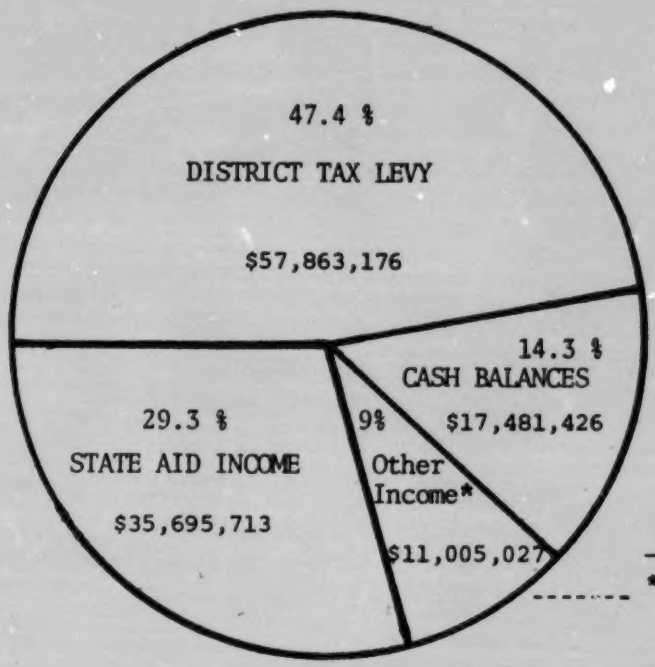
SECTION THREE

SECTION THREE

FINANCIAL

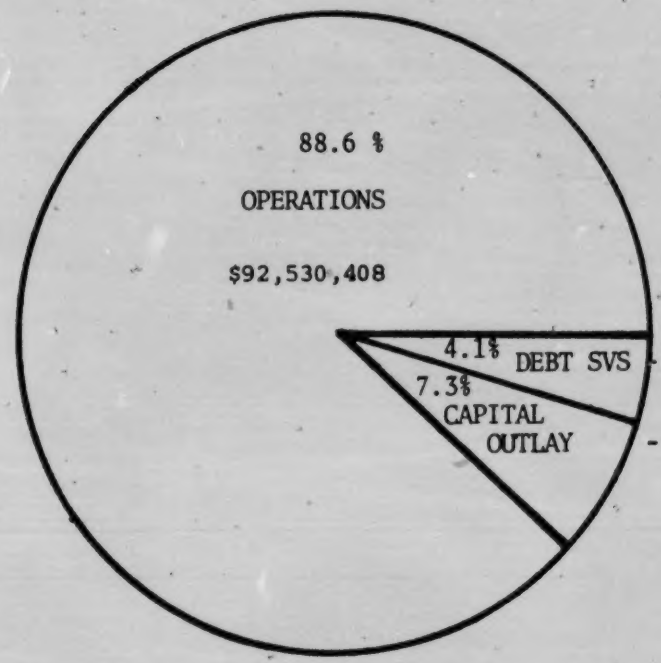
DATA

REVENUE & EXPENDITURES
1978-79
(Summary Data - All Districts)



*	Tuition	3.8%
	Federal	0.3%
	Other	4.9%

TOTAL REVENUE SOURCES
1978-79
$122,045,342



TOTAL EXPENDITURES
1978-79
$104,438,873

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA
SOURCE AND DISPOSITION OF FUNDS
FISCAL YEAR 1978-79

SOURCE

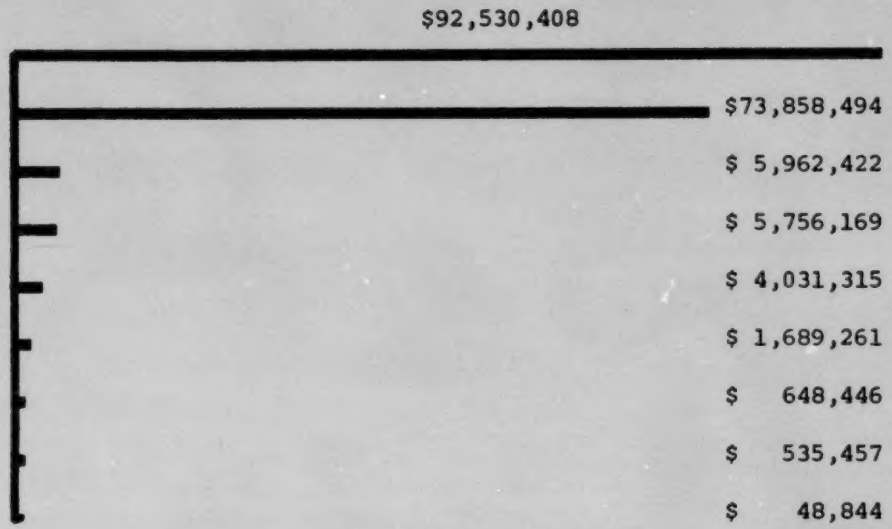
Community College Districts	OPERATIONAL			CAPITAL OUTLAY			Tuition	Federal*	Other	TOTAL INCOME
	Fund Balance	Dist. Levy	State Aid	Fund Balance	Dist. Levy	State Aid				
Cochise County	$ 846,151	$ 2,838,903	$ 1,371,456	$ 779,418	$ 123,926	$ 368,463	$ 446,875	$ -0-	$ 573,335	$ 7,348,527
Graham County	843,884	592,860	2,238,327**	322,141	31,289	322,875	1,211,097	-0-	367,921	5,930,394
Maricopa County	3,981,547	27,438,375	13,339,760	2,916,119	1,557,055	3,524,850	1,392,912	29,386	1,316,334	55,496,338
Mohave County	341,241	1,625,826	870,752	138,794	126,138	209,650	-0-	7,469	141,941	3,461,811
Navajo County	332,209	1,655,010	976,250	27,460	410,706	236,250	44,989	-0-	79,202	3,762,076
Pima County	815,908	10,077,389	5,691,310	3,319,993	705,082	1,436,589	764,401	-0-	2,327,913	25,138,585
Pinal County	404,854	3,847,096	1,602,980	1,292,393***	21,062	433,213	334,281	338,236	515,034	8,789,149
Yavapai County	322,637	3,226,758	1,165,508	37,343	316,328	308,438	214,329	-0-	352,494	5,943,835
Yuma County	651,239	3,160,563	1,266,192	108,095	108,810	332,850	274,093	23,355	249,430	6,174,627
Total	$ 8,539,670	$54,462,780	$28,522,535	$ 8,941,756	$3,400,396	$7,173,178	$4,682,977	$398,446	$5,923,604	$122,045,342
Percent of Total	7.0%	44.6%	23.4%	7.3%	2.8%	5.9%	3.8%	0.3%	4.9%	100.0%

DISPOSITION

Community College District	Operations	Capital Outlay	Bond Redemption	Total Expenditures	Year End Fund Balances: Operations	Year End Fund Balances: Capital & Bonds	TOTALS	Cost & Income Factors for Operations: FTSE	Oper. Cost/ FTSE	St.Aid Rec'd/ FTSE	Dist. Levy/ FTSE
Cochise County	$ 4,560,354	$ 428,076	$ 221,000	$ 5,209,430	$1,121,513	$1,017,584	$ 7,348,527	2,106	$2,165	$ 651	$1,348
Graham County	4,201,733	310,136	108,401	4,620,270	998,349	311,775	5,930,394	1,845	2,277	1,213**	321
Maricopa County	44,722,291	3,121,106	2,059,850	49,903,247	2,319,080	3,274,011	55,496,338	26,110	1,713	511	1,051
Mohave County	2,651,367	467,991	-0-	3,119,358	308,962	33,491	3,461,811	1,198	2,213	727	1,357
Navajo County	2,754,566	640,924	-0-	3,395,490	288,697	77,889	3,762,076	1,414	1,948	690	1,170
Pima County	18,418,831	1,388,648	854,680	20,662,159	73,421	4,403,005	25,138,585	10,641.5	1,731	535	947
Pinal County	6,182,394	556,031	600,485	7,338,910	688,818	761,421	8,789,149	2,475.5	2,497	648	1,554
Yavapai County	4,425,206	403,379	287,590	5,116,175	684,272	143,388	5,943,835	1,762.5	2,511	661	1,831
Yuma County	4,613,666	312,488	147,680	5,073,834	873,504	227,289	6,174,627	1,902	2,426	666	1,662
Total	$92,530,408	$7,628,779	$4,279,686	$104,438,873	$7,356,616	$10,249,853	$122,045,342	49,454.5	$1,871	$ 577	$1,101
Percent of Total	88.6%	7.3%	4.1%	100.0%					(St. Ave.)	(St. Ave.)	(St. Ave.)

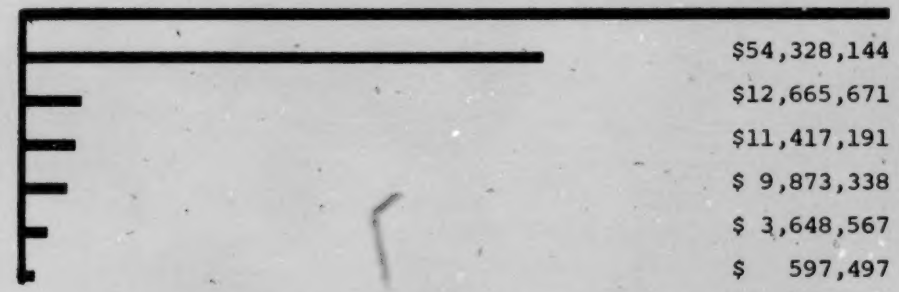
* These federal funds are reported because they are expended through the current operating budget, and in most cases they do generate full-time equivalent students. However, the funds as reported do not include all of the federal funds received and expended.

** Includes Equalization Aid - $997,623 *** Includes $500,000 state matching funds for Aravaipa Campus received in 1976-77, but unreported until this fiscal year.



100.0%		Total Current Operating Expenditures
$73,858,494	79.8%	Salaries & Wages
$ 5,962,422	6.4%	Current Fixed Charges
$ 5,756,169	6.2%	Communications
$ 4,031,315	4.4%	Supplies
$ 1,689,261	1.8%	Other Contractual Services
$ 648,446	0.7%	Travel
$ 535,457	0.6%	Miscellaneous
$ 48,844	0.1%	Library Books

1978-79 OPERATING EXPENDITURES BY LINE ITEM
(Summary Data for All Districts)



100.0%		Total Current Operating Expenditures
$54,328,144	58.7%	Instruction
$12,665,671	13.7%	Physical Plant
$11,417,191	12.3%	Student Services & General Expense
$ 9,873,338	10.7%	Administration
$ 3,648,567	3.9%	Library & Audio Visual
$ 597,497	0.7%	Auxiliary Enterprises

1978-79 OPERATING EXPENDITURES BY FUNCTION
(Summary Data for All Districts)

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA

SUMMARY OF CURRENT OPERATING EXPENDITURES 1978-79

SUMMARY BY LINE ITEM

Community College Districts	Salaries & Wages	Current Fixed Charges	Communications	Supplies	Other Contr. Services	Travel	Library Books	Misc.	Total Current Operating Exp.
Cochise County	$ 3,034,572	$ 801,818	$ 270,438	$ 269,815	$ 96,594	$ 72,037	$ 574	$ 14,506	$ 4,560,354
Graham County	2,871,864	594,321	194,588	349,553	99,533	49,722	29,176	12,976	4,201,733
Maricopa County	37,872,243	1,784,451	2,929,465	1,318,690	314,637	156,622	-0-	346,183	44,722,291
Mohave County	1,809,496	460,975	117,468	163,519	72,188	27,533	-0-	188	2,651,367
Navajo County	2,102,230	179,509	156,354	125,803	153,255	30,773	6,642	-0-	2,754,566
Pima County	15,302,372	759,032	1,029,714	668,257	552,821	106,635	-0-	-0-	18,418,831
Pinal County	4,751,696	217,374	380,302	555,219	159,607	99,372	12,452	6,372	6,182,394
Yavapai County	3,132,645	572,263	326,733	206,059	117,324	62,100	-0-	8,082	4,425,206
Yuma County	2,981,376	592,679	351,107	374,400	123,302	43,652	-0-	147,150	4,613,666
Total	$73,858,494	$ 5,962,422	$ 5,756,169	$4,031,315	$ 1,689,261	$648,446	$48,844	$535,457	$ 92,530,408
Percent of Total	79.8%	6.4%	6.2%	4.4%	1.8%	0.7%	0.1%	0.6%	100.0%

SUMMARY BY FUNCTION

Community College Districts	Instruction	Student Svs. & Gen. Exp.	Physical Plant	Administration	Library & Audio Visual	Auxiliary Enterprises	Total Current Operating Exp.
Cochise County	$ 2,630,027	$ 447,898	$ 781,181	$ 474,050	$ 157,550	$ 69,648	$ 4,560,354
Graham County	2,014,445	951,846	514,398	436,021	110,701	174,322	4,201,733
Maricopa County	28,206,413	4,931,145	5,591,863	4,055,502	1,937,368	-0-	44,722,291
Mohave County	1,424,799	648,680	244,461	233,305	100,122	-0-	2,651,367
Navajo County	1,484,691	580,579	301,746	243,550	144,000	-0-	2,754,566
Pima County	10,693,475	1,789,957	2,517,801	2,743,962	673,636	-0-	18,418,831
Pinal County	3,355,317	947,743	987,827	568,762	244,695	78,050	6,182,394
Yavapai County	2,449,920	492,578	785,867	472,565	174,158	50,118	4,425,206
Yuma County	2,069,057	626,765	940,527	645,621	106,337	225,359	4,613,666
Total	$ 54,328,144	$ 11,417,191	$12,665,671	$ 9,873,338	$ 3,648,567	$ 597,497	$ 92,530,408
Percent of Total	58.7%	12.3%	13.7%	10.7%	3.9%	0.7%	100.0%

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA
ANALYSIS OF STATE AID INCOME, 1978-79

Community College District	Basic Aid	Voc/Tech Aid	Total Operational State Aid	Total FTSE*	Oper. St. Aid Rec'd/FTSE	Voc/Tech FTSE Amount	Voc/Tech FTSE % - Total FTSE	Capital Outlay State Aid	Total State Aid
Cochise County	$ 1,166,640	$ 204,816	$ 1,371,456	2,106	$ 651	753	36%	$ 368,463	$ 1,739,919
Graham County	2,049,423**	188,904	2,238,327**	1,845	1,213	695	38%	322,875	2,561,202**
Maricopa County	11,728,400	1,611,360	13,339,760	26,110	511	8,610	33%	3,524,850	16,864,610
Mohave County	767,120	103,632	870,752	1,198	727	381	32%	209,650	1,080,402
Navajo County	835,626	140,624	976,250	1,414	690	517	36.5%	236,250	1,212,500
Pima County	4,922,216	769,094	5,691,310	10,641.5	535	3,824.5	36%	1,436,589	7,127,899
Pinal County	1,329,220	273,760	1,602,980	2,475.5	648	1,010	41%	433,213	2,036,193
Yavapai County	1,015,500	150,008	1,165,508	1,762.5	661	551.5	31%	308,438	1,473,946
Yuma County	1,076,880	189,312	1,266,192	1,902	666	696	36.5%	332,850	1,599,042
Totals	$24,891,025	$ 3,631,510	$28,522,535	49,454.5	$ 577 (State Average)	17,038	34.5%	$ 7,173,178	$35,695,713
Percent of Totals	87.3%	12.7%	100.0%						

Total FTSE	Down 2.5%
Voc/Tech FTSE	Down 0.4%
Operational State Aid	Down 2.1%
Capital Outlay State Aid	Up 4.8% because of changes in Capital Outlay State Aid formula for districts under 5,000 FTSE.
Total State Aid	Down 0.8%

* 45-Day Census Count: Fall and Spring semesters averaged and verified by Auditor General's office for purposes of state aid qualifications.
** Includes Equalization Aid Grant of $997,623.

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA

SUMMARY OF BONDED INDEBTEDNESS AND PLANT INVESTMENT*

	Cochise Co.	Graham Co.	Maricopa Co.	Mohave Co.	Navajo Co.	Pima Co.	Pinal Co.	Yavapai Co.	Yuma Co.	TOTALS
Total Plant Investment										
Land & Land Improvement	$ 473,543	$ 215,376	$ 8,340,561	$ 57,616	$ 629,531	$ 1,471,719	$ 95,549	$ 448,032	$ 288,261	$ 12,020,188
Buildings & Improvement	6,428,437	5,363,700	42,212,592	1,449,960	501,465	21,106,049	10,922,915	5,903,105	7,523,106	101,411,329
Equipment	2,306,394	1,956,437	16,432,341	1,371,528	1,687,079	7,688,219	4,125,003	2,886,724	2,225,838	40,679,563
Total	$9,208,374	$7,535,513	$66,985,494	$2,879,104	$2,818,075	$30,265,987	$15,143,467	$9,237,861	$10,037,205	$154,111,080
Total G.O. Bonds										
Authorized	$3,100,000	$1,675,000	$14,870,000	-0-	-0-	$ 5,990,000	$ 8,000,000	$2,500,000	$2,840,000	
Sold	3,100,000	1,675,000	14,870,000	-0-	-0-	5,990,000	8,000,000	2,500,000	2,840,000	
Redeemed	2,700,000	760,000	8,580,000	-0-	-0-	2,490,000	1,275,000	1,200,000	2,465,000	
Total Revenue Bonds										
Authorized	$1,295,000	$ 619,000	$12,750,000	-0-	-0-	$ 7,340,000	$ 1,500,000	$1,250,000	$2,905,000	
Sold	1,295,000	619,000	12,750,000	-0-	-0-	7,340,000	1,500,000	1,250,000	2,905,000	
Redeemed	385,000	151,000	5,255,000	-0-	-0-	925,000	270,000	395,000	505,000	
Total Refunding Bonds										
Authorized	-0-	-0-	$14,605,000	-0-	-0-	$ 7,555,000	$ 1,115,000	$1,855,000	-0-	
Sold	-0-	-0-	14,605,000	-0-	-0-	7,555,000	1,115,000	1,855,000	-0-	
Redeemed	-0-	-0-	10,545,000	-0-	-0-	750,000	160,000	-0-	-0-	

	Cochise Co.	Graham Co.	Maricopa Co.	Mohave Co.	Navajo Co.	Pima Co.	Pinal Co.	Yavapai Co.	Yuma Co.
DISTRICT ASSESSED VALUATION 1978-79	$222,816,077	$46,101,962	$3,321,826,293	$202,754,985	$293,006,468	$1,288,998,388	$286,524,295	$225,543,090	$206,353,169
COLLEGE DISTRICT TAX RATE 1978-79	$1.27	$1.35	$0.84	$0.8803	$0.6750	$0.8365	$1.2993	$1.5758	$1.6363

Community Colleges Property Taxes levied for 1978-79 - $56,457,874; 7.2% of the total property taxes levied for the State of Arizona.

* These amounts are inclusive from the inception of each district to June 30, 1979.

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA

HISTORY OF STATE AID TO COMMUNITY COLLEGES
Fiscal Years 1962-63 - 1978-79

Fiscal Year	Operational State Aid	Vocational/Technical Operational St. Aid	Total Operational State Aid	Capital Outlay State Aid	Total State Aid
1962-63	$ 303,100	---	$ 303,100	$ 81,190	$ 384,290
1963-64	$ 2,784,570	---	$ 2,784,570	$ 827,310	$ 3,611,880
1964-65	$ 3,473,050	---	$ 3,473,050	$1,067,545	$ 4,540,595
1965-66	$ 5,050,675	---	$ 5,050,675	$1,453,715	$ 6,504,390
1966-67	$ 6,001,100	---	$ 6,001,100	$1,741,790	$ 7,742,890
1967-68	$ 6,228,425	---	$ 6,228,425	$1,827,350	$ 8,055,775
1968-69	$ 6,720,700	---	$ 6,720,700	$1,978,230	$ 8,698,930
1969-70	$ 8,600,025	---	$ 8,600,025	$2,506,540	$11,106,565
1970-71	$10,853,500	---	$10,853,500	$3,178,025	$14,031,525
1971-72	$14,124,746	---	$14,124,746	$3,388,651	$17,513,397
* 1972-73	$15,559,845	$ 2,092,989	$17,652,834	$4,179,173	$21,832,007
1973-74	$17,305,424	$ 2,446,291	$19,751,715	$4,317,384	$24,069,099
1974-75	$21,922,765	$ 3,175,650	$25,098,415	$6,049,080	$31,147,495
1975-76	$25,809,587	$ 3,775,681	$29,585,268	$7,207,180	$36,792,448
1976-77	$24,301,281	$ 3,454,088	$27,755,369	$7,258,102	$35,013,471
1977-78	$25,479,652	$ 3,668,936	$29,148,588	$6,845,309	$35,993,897
** 1978-79	$24,891,025	$ 3,631,510	$28,522,535	$7,173,178	$35,695,713

* New formula for state aid enacted.

** New formula for capital outlay state aid enacted, for districts with less than 5,000 FTSE.

SECTION FOUR

ENROLLMENT

DATA

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA
FULL-TIME STUDENT EQUIVALENT ENROLLMENT
Fall Semester 1963-64 Through 1971-72
Averaged FTSE 1972-73 Through 1978-79 *

	COCHISE	GRAHAM	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	YAVAPAI	YUMA	TOTALS
1963-64	---	629	4,576	---	---	---	---	---	536	5,741
1964-65	567	654	7,134	---	---	---	---	---	953	9,308
1965-66	824	858	9,411	---	---	---	---	---	1,134	12,227
1966-67	811	942	10,966	---	---	---	---	---	1,333	14,052
1967-68	929	1,010	12,367	---	---	---	---	---	1,309	15,615
1968-69	1,072	1,075	14,329	---	---	---	---	---	1,454	17,930
1969-70	1,144	1,112	16,445	---	---	---	801	495	1,509	21,506
1970-71	1,315	1,031	18,142	---	---	2,380	1,488	665	1,651	26,672
1971-72	1,311	1,136	19,433	---	---	3,790	2,208	867	1,805	30,550
* 1972-73	1,339	1,174	19,240	---	---	4,647	2,022	966	1,569	30,957
* 1973-74	1,496	1,478	20,065	---	---	6,453	2,263	1,296	1,864	34,915
* 1974-75	1,842	1,643	24,545	639	794	8,859	2,489	1,803	2,194	44,808
* 1975-76	2,178	2,332	28,554	1,006	1,044	11,189	2,889	2,081	2,115	53,388
* 1976-77	2,332	1,755	26,394	1,164	880	10,885	2,657	1,949	2,044	50,060
* 1977-78	2,245	1,909	26,032	1,276	1,182	11,427	2,836	1,858	1,942	50,707
* 1978-79	2,106	1,845	26,110	1,198	1,414	10,641.5	2,475.5	1,762.5	1,902	49,454.5

* FTSE enrollment from 1972-73 through the present, indicates averaged FTSE for the Fall and Spring semesters. State Aid is based on the averaged FTSE enrolled for the year, as per Arizona Revised Statutes. FTSE equals the total number of student credit hours generated per year divided by 30.

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA
FALL HEADCOUNT ENROLLMENT
1963-64 Through 1978-79

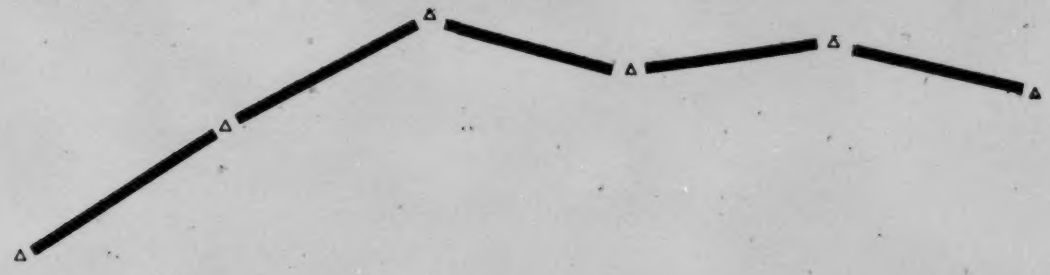
	COCHISE	GRAHAM	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	YAVAPAI	YUMA	TOTALS
1963-64	---	826	8,873	---	---	---	---	---	966	10,665
1964-65	1,018	789	12,512	---	---	---	---	---	1,634	15,953
1965-66	1,215	890	16,244	---	---	---	---	---	1,670	20,019
1966-67	1,098	951	18,149	---	---	---	---	---	1,809	22,007
1967-68	1,352	1,035	19,460	---	---	---	---	---	1,889	23,736
1968-69	1,503	1,346	22,692	---	---	---	---	---	2,183	27,724
1969-70	1,605	1,593	26,631	---	---	---	2,070	801	2,337	35,037
1970-71	1,767	1,736	28,827	---	---	3,530	2,891	1,006	3,015	42,772
1971-72	2,151	1,792	31,230	---	---	5,588	4,446	1,383	3,025	49,615
1972-73	2,159	2,094	33,672	---	---	7,616	3,891	1,702	2,709	53,843
1973-74	2,483	2,781	37,093	---	---	11,669	4,437	2,534	3,586	64,583
1974-75	2,829	2,690	43,541	1,521	2,010	15,266	4,427	3,909	3,908	80,101
1975-76	3,407	4,027	49,954	2,635	2,993	19,588	5,961	4,689	4,012	97,266
1976-77	3,863	3,109	48,327	2,710	2,289	20,003	5,846	4,242	4,047	94,436
1977-78	3,977	3,363	49,785	3,305	3,173	21,351	6,090	4,309	3,780	99,133
1978-79	3,939	3,576	54,309	3,410	3,994	21,521	5,189	4,412	3,872	104,222

1973-74 - 1978-79

FTSE GROWTH PATTERNS

(Using Fall 45-Day Census)

1973-74	1974-75	1975-76	1976-77	1977-78	1978-79
34,915 FTSE	44,808 FTSE	53,388 FTSE	50,060 FTSE	50,707 FTSE	49,454.5 FTSE



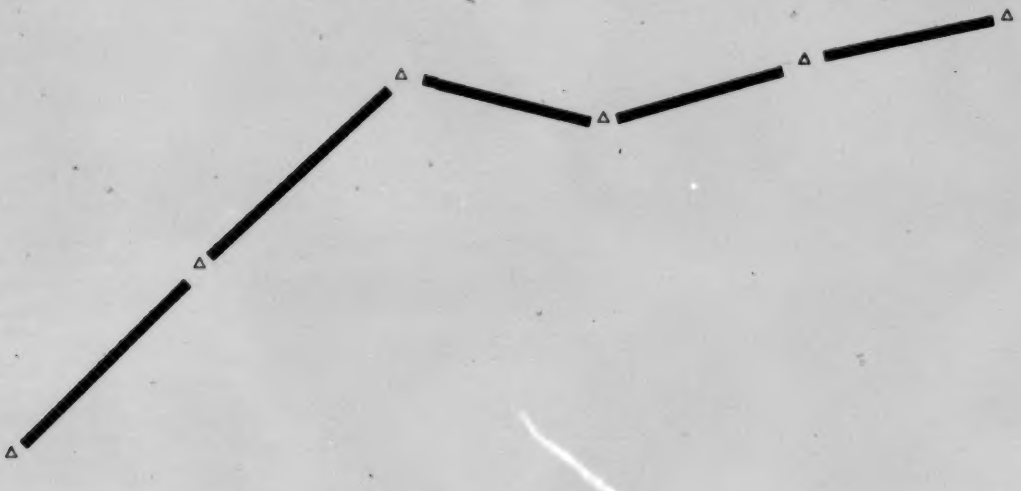
+28.3% incr. +19.1% incr. -(6.2%) decr. +1.3% incr. -(2.5%) decr.

1973-74 - 1978-79

HEADCOUNT GROWTH PATTERNS

(Using Fall 45-Day Census)

1973-74	1974-75	1975-76	1976-77	1977-78	1978-79
64,583 H.C.	80,101 H.C.	97,266 H.C.	94,436 H.C.	99,133 H.C.	104,222 H.C.



+24% incr. +21.4% incr -(2.9%) decr. +5% incr. +5.1% incr.

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA

VOCATIONAL FTSE HISTORY

Fiscal Years 1972-73 - 1978-79

Fiscal Year	Vocational FTSE	Percent of Total FTSE	Total FTSE	Total State Aid To Vocational FTSE	Percent of Total Operational State Aid
1972-73	9,496	30.7%	30,957	$2,092,989	12 %
1973-74	11,248	32.2%	34,915	$2,446,291	12 %
1974-75	14,857	33.2%	44,808	$3,175,650	12.6%
1975-76	17,817	33.4%	53,388	$3,775,681	12.8%
1976-77	16,092	32.1%	50,060	$3,454,088	12.4%
1977-78	17,115	33.8%	50,707	$3,668,936	12.6%
1978-79	17,038	34.5%	49,454.5	$3,631,510	12.7%

VOCATIONAL ENROLLMENT
1972-73 - 1978-79

	1972-3	1973-4	1974-5	1975-6	1976-7	1977-8	1978-9
FTSE:	9,496	11,248	14,857	17,817	16,092	17,115	17,038
Percent Incr/Decr:	---	+ 18%	+ 32%	+ 20%	- (10%)	+ 6%	-(0.5%)

VOCATIONAL DOLLARS
1972-73 - 1978-79

	1972-3	1973-4	1974-5	1975-6	1976-7	1977-8	1978-9
STATE AID:	$2.1	$2.5	$3.2	$3.8	$3.5	$3.7	$3.6
Percent Incr/Decr:	----	+17%	+29%	+19%	-(8.5%)	+ 5%	-(1%)

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA

Headcount Enrollment Characteristics

FY 1978-79 Summary

	FALL 1978		SPRING 1979		TOTALS	AVERAGE	
Resident & Non-Resident							
Resident	92,008	88.3%	94,217	88.1%	186,225	93,113	88.2%
Out-of-County	6,324	6.1%	6,798	6.3%	13,122	6,561	6.2%
Out-of-State & Foreign	5,890	5.6%	5,955	5.6%	11,845	5,922	5.6%
TOTAL	104,222	100.0%	106,970	100.0%	211,192	105,596	100.0%
Ethnic Background							
American Indian	3,516	3.4%	3,868	3.6%	7,384	3,692	3.5%
Anglo-American	83,749	80.3%	86,643	81.0%	170,392	85,196	80.7%
Black	3,431	3.3%	3,433	3.2%	6,864	3,432	3.2%
Oriental	915	0.9%	955	0.9%	1,870	935	0.9%
Hispanic	11,480	11.0%	10,713	10.0%	22,193	11,097	10.5%
Other	1,131	1.1%	1,358	1.3%	2,489	1,244	1.2%
TOTAL	104,222	100.0%	106,970	100.0%	211,192	105,596	100.0%
Age Distribution							
15-19 years	21,214	20.4%	17,882	16.7%	39,096	19,548	18.5%
20-29 years	40,947	39.3%	43,474	40.6%	84,421	42,211	39.9%
30-39 years	18,481	17.7%	19,230	18.0%	37,711	18,855	17.9%
40-59 years	14,496	13.9%	15,626	14.6%	30,122	15,061	14.3%
60+ years	3,845	3.7%	5,773	5.4%	9,618	4,809	4.6%
Undeclared	5,239	5.0%	4,985	4.7%	10,224	5,112	4.8%
TOTAL	104,222	100.0%	106,970	100.0%	211,192	105,596	100.0%
Other Data							
Freshmen	74,343	71.3%	74,987	70.1%	149,330	74,665	70.7%
Sophomores	17,393	16.7%	20,603	19.3%	37,996	18,998	18.0%
Unclassified	12,486	12.0%	11,380	10.6%	23,866	11,933	11.3%
TOTAL	104,222	100.0%	106,970	100.0%	211,192	105,596	100.0%
Male	48,921	46.9%	50,744	47.4%	99,665	49,832	47.2%
Female	55,301	53.1%	56,226	52.6%	111,527	55,764	52.8%
TOTAL	104,222	100.0%	106,970	100.0%	211,192	105,596	100.0%
Full-Time	25,849	24.8%	23,166	21.7%	49,015	24,507	23.2%
Part-Time	78,373	75.2%	83,804	78.3%	162,177	81,089	76.8%
TOTAL	104,222	100.0%	106,970	100.0%	211,192	105,596	100.0%

RECAP

Fall 1978 Headcount	104,222	
Spring 1979 Headcount	106,970	2,748 increase over Fall '78, or 2.6%
Total Headcount - 2 Semesters	211,192	
Average Headcount - 2 Semesters	105,596	

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA
Fall 1978 Headcount - Using 45-Day Census
Enrollment Characteristics

	Cochise County	Graham County	Maricopa County	Mohave County	Navajo County	Pima County	Pinal County	Yavapai County	Yuma County	TOTALS	Percent
Resident & Non-Resident											
Resident	3,571	1,363	50,315	3,347	3,376	19,426	4,184	3,294	3,132	92,008	88.3%
Out-of-County	102	2,101	528	10	615	912	800	1,003	253	6,324	6.1%
Out-of-State & Foreign	266	112	3,466	53	3	1,183	205	115	487	5,890	5.6%
Totals	3,939	3,576	54,309	3,410	3,994	21,521	5,189	4,412	3,872	104,222	100.0%
Ethnic Background											
American Indian	24	227	799	144	994	518	467	219	124	3,516	3.4%
Anglo-American	2,396	2,287	46,998	3,072	2,749	15,936	3,684	4,016	2,611	83,749	80.3%
Black	189	139	1,848	2	38	867	156	14	178	3,431	3.3%
Oriental	60	18	467	16	22	233	52	15	32	915	0.9%
Hispanic	559	653	4,197	54	191	3,967	830	111	918	11,480	11.0%
Other	711	252	---	122	---	---	---	37	9	1,131	1.1%
Totals	3,939	3,576	54,309	3,410	3,994	21,521	5,189	4,412	3,872	104,222	100.0%
Age Distribution											
15-19 years	602	688	11,955	380	855	3,912	985	873	964	21,214	20.4%
20-29 years	1,668	1,370	21,462	836	1,192	10,153	1,556	1,261	1,449	40,947	39.9%
30-39 years	821	762	9,047	619	1,055	3,803	986	707	681	18,481	17.7%
40-59 years	695	512	6,596	767	664	3,232	831	713	486	14,496	13.9%
60+ years	126	231	612	713	145	256	831	816	115	3,845	3.7%
Undeclared	27	13	4,637	95	83	165	---	42	177	5,239	5.0%
Totals	3,939	3,576	54,309	3,410	3,994	21,521	5,189	4,412	3,872	104,222	100.0%

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA

Spring 1979 Headcount - Using 45-Day Census

Enrollment Characteristics

	Cochise County	Graham County	Maricopa County	Mohave County	Navajo County	Pima County	Pinal County	Yavapai County	Yuma County	TOTALS	Percent
Resident & Non-Resident											
Resident	3,724	1,277	50,664	3,528	3,693	20,203	4,629	3,306	3,193	94,217	88.1%
Out-of-County	119	2,093	431	9	702	913	834	1,415	282	6,798	6.3%
Out-of-State & Foreign	346	164	2,709	42	21	1,301	664	76	632	5,955	5.6%
Totals	4,189	3,534	53,804	3,579	4,416	22,417	6,127	4,797	4,107	106,970	100.0%
Ethnic Background											
American Indian	28	271	731	188	1,069	529	694	252	106	3,868	3.6%
Anglo-American	2,523	2,271	47,029	3,334	3,059	15,812	4,514	4,352	2,749	86,643	81.0%
Black	244	97	1,714	2	44	935	210	22	165	3,433	3.2%
Oriental	76	17	490	14	21	258	21	7	51	955	0.9%
Hispanic	594	624	3,840	41	223	3,883	688	133	687	10,713	10.0%
Other	724	254	---	---	---	---	---	31	349	1,358	1.3%
Totals	4,189	3,534	53,804	3,579	4,416	22,417	6,127	4,797	4,107	106,970	100.0%
Age Distribution											
15-19 years	431	466	10,523	295	580	3,698	919	530	440	17,882	16.7%
20-29 years	1,941	1,360	22,297	772	1,392	10,718	1,654	1,560	1,780	43,474	40.6%
30-39 years	894	782	9,050	601	1,322	4,039	858	912	772	19,230	18.0%
40-59 years	758	551	6,982	800	831	3,332	980	801	591	15,626	14.6%
60+ years	156	322	615	1,030	204	379	1,716	932	419	5,773	5.4%
Undeclared	9	53	4,337	81	87	251	---	62	105	4,985	4.7%
Totals	4,189	3,534	53,804	3,579	4,416	22,417	6,127	4,797	4,107	106,970	100.0%

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA
STAFFING PROFILE - 1978-79

Certificated Personnel - Fall Semester 1978

	Cochise County	Graham County	Maricopa County	Mohave County	Navajo County	Pima County	Pinal County	Yavapai County	Yuma County	TOTALS	Percent
Full-Time Faculty	68	79	714	53	26	240	88	---	65	1,333	28.3%
Part-Time Faculty	208	216	1,070	179	271	871	256	144	166	3,381	71.7%
Total Certificated Personnel	276	295	1,784	232	297	1,111	344	144	231	4,714	100.0%

Non-Certificated Personnel - Fall Semester 1978

Instruction	2	---	218	12	---	132	24	81	34	503	22.0%
Library and Audio Visual	10	3	70	6	6	38	13	8	7	161	7.0%
Administration	24	15	216	10	9	27	18	30	30	379	16.5%
Student Services & General Expense	21	48	147	16	41	180	30	17	22	522	22.8%
Physical Plant	42	24	200	11	6	106	42	32	42	505	22.0%
Auxiliary Enterprises	38	9	66	1	---	26	48	19	15	222	9.7%
Total Non-Certificated Personnel	137	99	917	56	62	509	175	187	150	2,292	100.0%
Total Certificated & Non-Certificated Personnel	413	394	2,701	288	359	1,620	519	331	381	7,006	

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA
STAFFING PROFILE - 1978-79

Certificated Personnel - Spring Semester 1979

	Cochise County	Graham County	Maricopa County	Mohave County	Navajo County	Pima County	Pinal County	Yavapai County	Yuma County	TOTALS	Percent
Full-Time Faculty	67	79	714	42	28	240	96	85	65	1,416	28.1%
Part-Time Faculty	230	216	1,070	196	311	871	316	257	166	3,633	71.9%
Total Certificated Personnel	297	295	1,784	238	339	1,111	412	342	231	5,049	100.0%

Non-Certificated Personnel - Spring Semester 1979

Instruction	2	---	218	12	---	132	24	---	33	421	19.5%
Library & Audio Visual	10	3	70	7	6	38	13	8	8	163	7.5%
Administration	60	14	216	10	5	27	18	33	19	402	18.6%
Student Services & General Expense	18	48	147	15	41	180	32	19	38	538	24.9%
Physical Plant	36	24	200	12	---	106	42	36	36	492	22.8%
Auxiliary Enterprises	6	9	66	1	---	26	1	20	15	144	6.7%
Total Non-Certificated Personnel	132	98	917	57	52	509	130	116	149	2,160	100.0%
Total Certificated & Non-Certificated Personnel	429	393	2,701	295	391	1,620	542	458	380	7,209	

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA

Fall 1978 Headcount Enrollment - Credit Courses

Fiscal Year 1978-79 - Using 45-Day Census

Community College District	University Parallel	Occupational	Unselected Major	Total Credit Enrollment
Cochise County	1,504	1,443	992	3,939
Graham County	1,242	941	1,393	3,576
Maricopa County	11,518	26,927	15,864	54,309
Mohave County	682	1,126	1,602	3,410
Navajo County	2,116	991	887	3,994
Pima County	5,891	9,997	5,633	21,521
Pinal County	653	2,179	2,357	5,189
Yavapai County	702	349	3,361	4,412
Yuma County	991	871	2,010	3,872
TOTALS	25,299	44,824	34,099	104,222
Percent	24.3%	43.0%	32.7%	100.0%

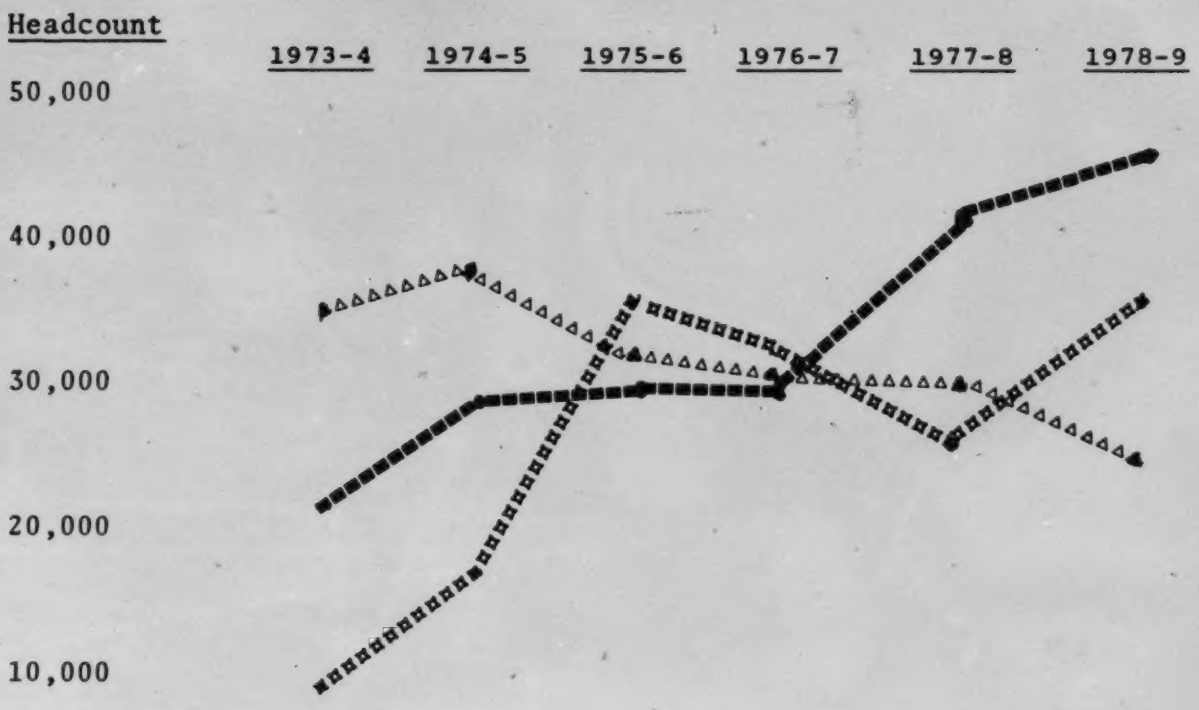
STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA

Spring 1979 Headcount Enrollment - Credit Courses

Fiscal Year 1978-79 - Using 45-Day Census

Community College District	University Parallel	Occupational	Unselected Major	Total Credit Enrollment
Cochise County	1,900	1,383	906	4,189
Graham County	1,102	941	1,491	3,534
Maricopa County	10,874	26,248	16,682	53,804
Mohave County	716	1,181	1,682	3,579
Navajo County	2,150	1,539	727	4,416
Pima County	5,983	10,090	6,344	22,417
Pinal County	874	2,389	2,864	6,127
Yavapai County	757	1,768	2,272	4,797
Yuma County	1,165	866	2,076	4,107
TOTALS	25,521	46,405	35,044	106,970
Percent	23.8%	43.4%	32.8%	100.0%
Averaged Headcount Two Semesters	25,410	45,615	34,571	105,596
Percent of Total	24.1%	43.2%	32.7%	100.0%

MAJOR COURSE OF STUDY ENROLLMENT GRAPH*
1973-74 - 1978-79



LEGEND: ΔΔΔΔΔΔΔ University Parallel
▬▬▬▬▬▬▬ Occupational
▪▪▪▪▪▪▪▪ Unselected Major

	1973-4	1974-5	1975-6	1976-7	1977-8	1978-9
Univ. Par.	34,087	37,415	32,761	31,791	31,161	25,299
	--	+ 10%	-(12%)	- (3%)	- (2%)	-(19%)
Occup.	20,674	27,503	30,082	30,262	41,539	44,824
	--	+ 33%	+ 9%	+ 0.6%	+ 37%	+ 8%
Unsel. Maj.	9,822	15,183	34,423	32,383	26,433	34,099
	--	+ 55%	+126%	- (6%)	-(18%)	+ 29%
Total H.C.	64,583	80,101	97,266	94,436	99,133	104,222
	--	+ 24%	+ 21%	- (3%)	+ 5%	+ 5%

* Using Fall 45-Day Census

SECTION FIVE

VOCATIONAL

EDUCATION

AND

REPORTS ON

FEDERAL FUND

PROJECTS

VOCATIONAL EDUCATION

Arizona's community colleges have accepted the role of serving as major manpower training agencies. This includes training youth and adults for gainful employment in those occupations that require some type of post-secondary training but something less than a bachelor's degree.

The following statistics were obtained from the Department of Education, Division of Vocational Education. THESE FIGURES ARE COMPILED ACCORDING TO SPECIFIC FEDERAL REQUIREMENTS AND, THEREFORE, WILL NOT COINCIDE WITH PREVIOUSLY REPORTED ENROLLMENT FIGURES. This is a cumulative record of all enrollment during the entire year.

During the 1978-79 fiscal year, community colleges in Arizona reported the following number of enrollments in vocational-technical credit courses. This unduplicated count indicates one student counted only once whether enrolled in one or several courses.

COUNTY	COLLEGE		UNDUPLICATED COUNT
Cochise	Cochise College		2,853
Graham	Eastern Arizona College		2,655
Maricopa	Maricopa County Community College District		42,185
	Glendale Community College	8,336	
	Maricopa Technical College	4,068	
	Mesa Community College	8,327	
	Phoenix College	10,034	
	Rio Salado Community College	7,818	
	Scottsdale Community College	3,602	
Mohave	Mohave Community College		2,275
Navajo	Northland Pioneer College		2,604
Pima	Pima Community College		16,991
Pinal	Central Arizona College		3,867
Yavapai	Yavapai Community College		2,863
Yuma	Arizona Western College		4,375
STATE TOTAL (unduplicated count)			80,668

Enrollment for college credit courses in occupational education falls into the following categories:

OCCUPATIONAL AREA	ENROLLMENT
Agriculture	1,700
Distributive Education	13,712
Health Occupations	8,020
Home Economics	5,489
Office Education	18,258
Technical Education	5,596
Trade and Industrial Education	26,584
Other	1,309
STATE TOTAL (unduplicated count)	80,668

Community colleges offered many noncredit courses in vocational-technical areas to out-of-school youth and adults who need to upgrade themselves in their chosen career or to retrain for a new career. These courses do not generate state financial support under the FTSE formula.

COUNTY	COLLEGE		ADULT ENROLLMENT IN NONCREDIT COURSES IN VOC-TECH EDUCATION
Cochise	Cochise College		1,464
Graham	Eastern Arizona College		674
Maricopa			7,899
	Glendale Community College	30	
	Maricopa Technical Comm. Coll.	0	
	Mesa Community College	0	
	Phoenix College	218	
	Rio Salado Community College	7,466	
	Scottsdale Community College	0	
	Maricopa District	185	
Mohave	Mohave Community College		1,003
Navajo	Northland Pioneer College		1,094
Pima	Pima Community College		507
Pinal	Central Arizona College		235
Yavapai	Yavapai College		818
Yuma	Arizona Western College		1,806
STATE TOTAL			15,500

Federal funds allotted to Arizona for vocational education support instruction for people of all ages in all communities and in all occupations requiring less than a bachelor's degree. Federal vocational funds allotted to our community colleges were used to provide supplementary services that do not generate state financial support but fall within the area of responsibility of our community colleges. These include noncredit courses for out-of-school youth and adults, career counseling and placement services, exemplary programs conducted on a pilot basis, in-service teacher training clinics and workshops, research, work-study programs for needy youth, and individual tutoring or other help to the handicapped and disadvantaged. Federal funds were expended by county as follows:

COUNTY	COLLEGE	ALLOTMENT OF FEDERAL FUNDS TO ARIZONA COMMUNITY COLLEGES
Cochise	Cochise College	$ 73,814.90
Graham	Eastern Arizona College	86,611.66
Maricopa		436,273.36
	Glendale Community College Maricopa Technical Community College Mesa Community College Phoenix College Rio Salado Community College Scottsdale Community College Maricopa Skill Center	
Mohave	Mohave Community College	120,697.61
Navajo	Northland Pioneer College	95,651.56
Pima	Pima Community College	229,414.23
Pinal	Central Arizona College	89,016.00
Yavapai	Yavapai College	140,334.04
Yuma	Arizona Western College	52,213.44
TOTAL ALLOTMENT OF FEDERAL VOC-TECH FUNDS TO COMMUNITY COLLEGES, FY 1978-79		$1,324,026.80*

*Federal vocational funds were allotted directly to community colleges by the State Board of Education serving as the State Board for Vocational Education.

PROJECTS

During the 1978-79 academic year, three projects were completed. These projects were funded by the Arizona Department of Education, Vocational Education, Research Coordinating Unit.

Improvement of Cooperative Education at the Community College Level

DESCRIPTION OF CONTENT:

This project resulted in the identification of a glossary of common terms that will be used for statewide communication in Cooperative Education programs. In addition, a glossary of terms was identified that do not pertain to Cooperative Education, but are often misused in the context of Cooperative Education.

Another aspect of this project resulted in a description of various, unique methods of delivery found in urban and rural community colleges in Arizona; the various levels at which Cooperative Education is taught; the various criteria used in awarding semester credit hours; and the advantages and responsibilities of the three-way partnership among the student, the employer, and the community college.

Also included in this project are the guidelines that must be followed in order to receive state vocational funding at the community college level.

The results of this study are published in a 32-page booklet. The glossary and descriptive material found in this booklet was identified and evaluated by an Advisory Council composed of experts in Cooperative Education.

SUGGESTED WAYS OTHER INSTITUTIONS COULD USE THE PROJECT:

The results of this project may be used by institutions in the following manner:

1. Greater accountability, cost-effectiveness, and communications will be achieved by the acceptance of a common terminology; the standardization of assigning semester credit hours; and the improvement of methods of delivery.

2. A knowledge of the advantages and unique methods of delivery will encourage students, colleges, and employers to increase their participation and to experiment by offering more flexible programs.

3. Students, colleges, and employers may use this information as a statewide set of guidelines.

4. A greater awareness of Cooperative Education terminology throughout public and private state agencies will result in greater participation, promote better communications, and clarify existing problems.

A Revised Curriculum For Fire Science Education

DESCRIPTION OF CONTENT:

The project resulted in the identification of a common-core curriculum for Fire Science Education at the community college level in Arizona. A total of eight courses were identified as common-core: (1) Fire Operations I; (2) Fire Operations II; (3) Introduction to Fire Suppression; (4) Fire Hydraulics; (5) Introduction to Fire Protection; (6) Introduction to Fire Prevention; (7) Fire Apparatus; (8) Fire Fighting Tactics & Strategy. Since volunteer fire fighters are rarely degree-seeking, it is recommended that the courses one through four listed above would best suit their needs. Degree-seeking fire fighters should complete all eight courses listed above as common-core.

Minimal competencies were identified for each common-core course. The minimal competencies provide the fundamental concepts and skills considered to be "universal" to the nature of the course.

All common-core courses and minimal competencies were identified and evaluated by an Advisory Council composed of experts in Fire Science Education.

The minimal competencies were correlated with the current requirements for national certification as Fire Fighter I and Fire Fighter II wherever applicable. In addition, the minimal competencies were referenced to the appropriate Fire Training Manuals published by the International Fire Service Training Association and the degree of knowledge and/or skill is noted in each instance.

The results of this study are published in a 106-page booklet, "Competency-Based, Common-Core Curriculum for Fire Science Education".

A Revised Curriculum For Criminal Justice Education

DESCRIPTION OF CONTENT:

This project resulted in the identification of a common-core curriculum for Criminal Justice Education at the community college level in Arizona. A total of six courses were identified as common-core: (1) Introduction to Criminal Justice; (2) Criminal Law; (3) Criminal Procedure; (4) Rules of Evidence; (5) Crime and Delinquency; (6) Community Relations. It is recommended that the course "Community Relations" should be regarded as an optional course that should be included only when it is essential in meeting the program goal of the student.

For each common-core course, an inventory of minimal competencies were identified. The minimal competencies provide the fundamental concepts and skills considered to be "universal" to the nature of the course.

All common-core courses and minimal competencies were identified and evaluated by an Advisory Council composed of experts in Criminal Justice Education.

The results of this study are published in a 42-page booklet, "Competency-Based, Common-Core Curriculum for Criminal Justice Education".

SUGGESTED WAYS OTHER INSTITUTIONS COULD USE THESE PRODUCTS:

Competency-based, common-core curricula for Fire Science Education and Criminal Justice Education may be used by institutions in the following manner:

Community Colleges

1. Faculty will be aided in planning the content of subject matter to be included and the pace of delivery when teaching courses identified as common-core.

2. Faculty and administrators will use the common-core curriculum as a guideline for scheduling courses and thus achieve greater continuity in course offerings.

3. Faculty and counselors will be able to advise students with greater reliability relative to program requirements, transferability, and student needs.

4. Administrators will be aided when evaluating instruction by using the minimal competencies as one standard for measuring teaching effectiveness.

Universities

1. University faculty and deans will have a greater in-depth understanding of the background knowledge possessed by entering transfer students.

2. University faculty will be able to achieve greater continuity of instruction between lower and upper division course offerings if the content of some division courses is assured.

Public and Private Agencies

1. Employing institutions will be able to better evaluate the job readiness of applicants for employment if the educational understandings and skills of former students are known.

2. Training academies will be able to avoid costly duplication of instruction when training recruits if their educational backgrounds contain a mastery of certain understandings and skills.

3. Public and private agencies will be able to establish criteria for promotions if they have sufficient assurance that personnel enrolled in a common-core course must master known understandings and skills.

CURRICULA MATRIX FOR ARIZONA'S COMMUNITY COLLEGES
FALL 1979 - SPRING 1980

The attached curricula matrix includes all academic and vocational programs offered by Arizona's Community Colleges during the academic year 1979-1980. This matrix indicates the type of degree or certificate awarded at the completion of each program. Also shown is the approximate length of time required to complete each certificate program.

This matrix is in conformance to Standard II of the Rules and Regulations adopted by the State Board of Directors for Community Colleges of Arizona on October 23, 1976. Standard II of the Rules and Regulations defines credit versus noncredit courses in terms of objectives, approvals, time and credit, syllabus specifications, success criteria, instructors, admissions, administration, grading, and funding.

Use the legend listed below when interpreting this matrix.

LEGEND

Degrees:

Associate of Arts	1	Associate of Science	3
Associate of Applied Science	2		

Certificates (classified according to semester credit hours needed for completion):

0 - 15 semester credit hours	4	46 - 60 semester credit hours	7
16 - 30 semester credit hours	5	License position; no certificate	8
31 - 45 semester credit hours	6		

Degrees, Certificates, and Licenses

Associate of Arts - This degree is a college transfer degree. An Associate of Arts program is recommended to students who plan to complete the first two years of a baccalaureate program at the community college. Because the first two years of a baccalaureate program vary considerably between curriculums and institutions, it is usually necessary to design the course work for this degree to specifically satisfy the curriculum as outlined in the catalog of the university to which the student intends to transfer.

Associate of Science - This degree is a college transfer degree that is similar to the Associate of Arts degree except that the student's major emphasis is in science or engineering course work.

Associate of Applied Science - This degree is awarded to students who elect to complete a specified two-year career program and meet all of the requirements of that program.

Certificate - A certificate is awarded to students who have completed an approved vocational program. The length of time necessary to complete certificate programs vary and depend on the achievement of technical skills and competence necessary in the specific area of endeavor.

License - A license is awarded to students who have completed a program of study that has been approved by the licensing agency. These programs vary according to the specific licensure requirements in the specific area of endeavor.

SUMMARY OF CURRICULA MATRIX FOR ACADEMIC AND VOCATIONAL PROGRAMS
ARIZONA COMMUNITY COLLEGE SYSTEM
1979-1980

College	Associate of Arts Degree	Associate of Applied Science	Associate of Science Degree	CERTIFICATES 0-15 SCH	CERTIFICATES 16-30 SCH	CERTIFICATES 31-45 SCH	CERTIFICATES 46-60 SCH	Licenses	Total	Percentage of Total
Arizona Western	36	26	-	1	13	-	-	-	76	6.6
Central Arizona	9	41	15	1	22	22	1	2	113	9.8
Cochise	11	15	29	-	1	7	1	1	65	5.7
Eastern Arizona	65	30	-	-	7	1	1	1	105	9.2
Glendale	33	26	-	1	5	1	-	-	66	5.8
Maricopa Technical	1	23	-	3	21	16	11	-	75	6.5
Mesa	72	12	-	-	18	1	1	-	104	9.1
Mohave	18	12	-	7	13	7	-	-	57	5.0
Northland Pioneer	27	20	2	-	-	-	-	-	49	4.3
Phoenix	37	50	-	2	12	11	1	-	113	9.8
Pima	27	35	16	17	38	17	5	2	157	13.7
Rio Salado	1	15	-	3	1	-	-	-	20	1.7
Scottsdale	43	24	-	1	7	-	-	-	75	6.5
Yavapai	37	18	-	2	12	1	-	2	72	6.3
TOTAL	417	347	62	38	170	84	21	8	1,147	100.0
Percentage of Total	35.4	30.3	5.4	3.3	14.8	7.3	1.8	0.7	100.0	

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community College	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	Yavapai College
AGRICULTURE														
Agriculture Mechanics		2,6												
Agriculture Technology		2,6												
Animal Science	2,5						1,2,5						2,5	
Business														
Agri-Business, Sales and Service				1,2	2		1,2							
Agriculture Business Management	2,5	5												
Agri. Production - Middle Mgmt.				1,2	2									
Agri. Production and Management							1,2,5							
Crop Science														
Horticulture, Ornamental, Landscaping		2,6			2		1,2,5							
Plant Science/Crop Science	2,5		2,3				1,2,5							
Pre-Agricultural Sciences									1,2		1,3			
Pre-Watershed Management									1,2					
Power Equipment Technology	2,5													
Professional Agriculture	1	2	2,3	1	2									
Pest Control								4						
BUSINESS														
Accounting								2		2	2,7		2	
Accounting, Spec. Paraprofessional							1							
Accounting Clerk/Bookkeeping						5								
Business														
Business Administration	1	1,3	3	1	2	1	1	1	1,2	2	3		1	1
Business, General	2,5		3	1,2	2		1			2		2	2	
Computer Science														
Business Computer Operations						2								

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community College	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community College	Yavapai College
BUSINESS (Cont'd)														
Computer Science (Cont'd)														
Computer Applications/Programmer		2,7				2,6,7					2			2
Computer Operator						2,6					6			
Computer Spec. - Small Business											2			
Control Technician											6			
Data Processing	2			1,2	2		1			2			2	2
Data Proc. Computer Infor. Systems													2	
Keypunch/Data-Entry Operator						5,6					5,6			2,5
Office Technician/Data Processing	5					2,7								
Systems Programmer											7			
Finance														
Banking and Finance		2		1	2	2	1	4		2	2,7	2	2	2,4
Savings and Loan											2,4,5,7			
Credit Union											2,4,5,7			
Insurance	2						1			2		2	2,4,5	
Management	2		1,3			2		2,5			2,6,7			2
Merchandising & Selling Management		2,6				2,6								
Mid-Management		2,5	2	1	2		1			2,6		2		
Mid-Management, Building Materials										2				
Mid-Management, Credit Union										2,5	2,6,7	2		
Mid-Management, Electrical Ind.										2				
Mid-Mgmt., Health Care Supervision										2,4,6				
Mid-Managment, Postal Supervision										5				
Mid-Management, Public Admin.										5		2		
Mid-Management, Public Relations										2,5		2		
Supervisory Management		2,6				5					2			
Transportation and Traffic Mgmt.											2,5,6			

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community College	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	Yavapai College
BUSINESS (Cont'd)														
Marketing														
Fashion Merchandising				1						2,6	4,5			
Marketing	2,5	2						2,6			2			2
Merchandising						5								2
Office Education														
Administrative Assistant/Education							1				2,7		2	
Clerk Typist		4	6			6					6			
Court Reporter										2				
General Office Clerk		5		5	2		1,5	6	1,2	2,6			2	
Legal Assistant										2		2	2	
Medical Transcriber						5		5		2				
Office Administration		2		1										
Office Services	2,5			1,2				2						
Receptionist, Bilingual			6											
Receptionist, General			6								6			
Receptionist, Legal			6								6			
Receptionist, Medical			6				1			2	6			
Receptionist, PBX Operator						5								
Records Management										2,5				
Secretary	2,5	5	2	1,2	2	2	1,5	2,6	2	2	2		2	2,5
Secretary, Bilingual			2	1,2							2,5,6			
Secretary, Certified Professional		5												
Secretary, Executive			2								2			
Secretary, Legal			2	1,2		5	1			2,6	2			
Secretary, Medical			2	1,2			1			2,6	2			
Secretary, Police				1,2										
Stenographer		5		5		6			2					
Typing/Clerical Technician						2								

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community College	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	Yavapai College
BUSINESS (Cont'd)														
Office Education (Cont'd)														
Word Processing						5				2				
Real Estate		8			2		1	5		2,5		2	2	
Sales and Brokerage											2,4,5			
Escrow											4,5			
COMMERCIAL ARTS														
Advertising Art (Design)				2		2,6,7					2,5,7		1	
Applied Art and Design														
Art, Commercial											6,7			1,5
Art, General	1	1	1	1	1		1	1,2,5		1		1	1	
Ceramics, Commercial				2										1,5
Functional Design											6,7			
Interior Design										2,5	1,6,7		1,2	
Photography, Commercial										1,2	6,7		1,2	
Graphics Technology														
Graphic Arts Technology		2,6									2,5,7			
Graphic Communication						2,6,7								
Media Technology														
Broadcasting	2													
Media Technology											2,6			
Motion Picture/TV Production												1		

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community College	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	Yavapai College
EDUCATION														
Early Childhood Education														
Child Care Assistant	5			1,2										
Child Care Center Administration							1							
Child Development	2				5				2					
Child Development Associate				5				5						
Child Devel. & Family Relations											1			
Early Childhood Associate													2,5	
Early Childhood Education		6									1			
Elementary Education	1			1	1		1			1	1		1	1
Secondary Education	1			1	1		1			1	1		1	1
Instructional Aide														
Educational Technician									2					
Teacher's Aide							1	4					2	1
Teacher's Aide, Asst. In-Service											5			
Teacher's Aide, Asst. Pre-Service											5			
Teacher's Aide, Bilingual					2		1,6					2		
Teacher's Aide, Special Education											2,4,6			
Teacher/Director, In-Service											1			
Teacher/Director, Pre-Service											1			
Paraprofessional														
Mental Retardation		2												
Pre-Professional														
Pre-Dental	1	3	3	1	1		1	1	1	1	3		1	1
Pre-Engineering	1	2	3	1	1		1	1	2	1	3		1	1
Pre-Forestry	1	3	3	1	1		1	1	1,2	1			1	1
Pre-Law	1	1	1	1	1		1	1	1	1	1		1	1
Pre-Medical	1	3	3	1	1		1	1	1	1	3		1	1
Pre-Medical Technologist	1	3	3	1	1		1	1	1	1	3		1	1

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(Academic and Vocational)

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EDUCATION (Cont'd)														
Pre-Professional (Cont'd)														
Pre-Nursing	1	3	3	1	1		1	1	1	1	1		1	1
Pre-Optometry	1	3	3	1	1		1	1	1	1			1	1
Pre-Pharmacy	1	3	3	1	1		1	1	1	1	3		1	1
Pre-Physical Therapy	1	3	3	1	1		1	1	1	1	3		1	1
Pre-Veterinary	1	3	3	1	1		1	1	1	1	3		1	1
GENERAL OR EXPLORATORY STUDIES														
General Studies	1	1		1			1	1			1		1	
Individualized Programs			1											
HEALTH SERVICES														
Allied Health														
Allied Health Services											4			
Biomedical Technology										2				
Emergency Medical Training	4	5	8	8				4		2,4,7	4			4
Medical Assistant											2,5,6,7			
Medical Laboratory Technician										2,6				
Medical Radiography						2					3			
Medical Records Technician										2				
Mental Health/Human Services Tech.						2								
Ophthalmic Dispensing Technician											3			
Respiratory Therapy			3			2,6					2,6			
Unit Clerk						4								

CURRICULA MATRIX
FOR
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(Academic and Vocational)

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HEALTH SERVICES (Cont'd)														
Dental														
Dental Assisting Technician			3			6					6			
Dental Hygiene										2				
Dental Laboratory Technology		2,6									2			
Nursing														
Nurse, Aide								4						
Nurse, Assistant		5	6			4	5				4			
Nurse, Associate Degree	2	2	2		2	2	2			2	3		2	1
Nurse, Practical		6	7	5		6	5	6			6			8
HOME ECONOMICS														
Clothing Construction/Fashion Design and Marketing														
Alteration Specialist											5			
Apparel & Interior Merchandising							1							
Clothing and Textiles, Merchand., and Fashion Promotion											1			
Fashion Design											1			
Fashion Merchand., Mid-Mgmt.				1						2				
Homemaker, Home Health Aide								4						
Housing Arts							5							
Interior Design, Mid-Management										2,5				
Needle Specialist							5							
Professional Seamstress											2			

CURRICULA MATRIX
FOR
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(Academic and Vocational)

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HOME ECONOMICS (Cont'd)														
Food and Nutrition														
Food, Nutrition, Dietetics, Consumer Services in Food Service Management		2,5									1			
Food Services Administration										2,5				
Institutional Food Preparation											2,5,6			
General Home Economics														
Home Economics, Business				2										
Home Economics, General	1,5	3		1,2	1		1		2	1,2	1		1	1,2
LIBERAL ARTS AND SCIENCES														
Arts and Humanities														
Art (Painting)	1	1	1	1	1		1	1	1	1	1		1	1
Arts & Crafts											1			1
English	1	1	1	1	1		1	1	1	1	1		1	1
English, Creative Writing				1										
Eng., Journalism (Mass Communications)	1		1	1			1			2,6	1		1	1
Fine Arts	1									1	1			
Foreign Languages	1			1	1		1		1	1			1	
History			1		1		1		1	1	1		1	
Industrial Arts				1					1					
Interpreter Training (Deaf)											2			
Liberal Arts		1	1				1			1	1		1	1
Music	2	2,5		1	1		1		1	1	1		1	1
Sculpture														1
Speech	1	1		1	1		1		1	1	1		1	1
Theatre Arts	1			1	1		1		1	1	1		1	1

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

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LIBERAL ARTS AND SCIENCES (Cont'd)														
Physical and Life Sciences														
Biology	1	3	3	1	1		1			1	3		1	1
Biology, Wildlife				1										
Chemistry	1	3	3	1	1		1			1	3		1	1
Engineering	1	3	3	1			1			1	3		1	1
Geology	1	3	3		1		1		1	1	3		1	1
Mathematics	1	3	3	1	1		1		1	1	1		1	1
Physics	1	3	3		1		1			1	3		1	1
Science, General	1	3	3		1		1		1	1			1	1
Physical Education	1		1	1			1		1,3		1		1	1
Social Sciences & Behavioral Sciences														
American Indian Studies														1
Anthropology			1	1	1		1			1	1		1	
Archaeology											1			
Political Science				1	1		1			1			1	
Psychology			3	1	1		1	1	1	1			1	
Social Science	1	1			1		1			1			1	1
Sociology				1	1		1	1	1	1			1	
SERVICE OCCUPATIONS														
Administration of Justice														
Administration of Justice			3	1,2	2		1	2	2	2		2	2	2,5
Corrections		2			2					2	1			
Criminal Justice		2	2,3								1			
Law Enforcement	1,2				2									
Police Certification								5						8

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community College	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	Yavapai College
SERVICE OCCUPATIONS (Cont'd)														
Archaeology Aide/Fieldwork											5			
Fire Science	2		2	1,2	2		1	2	3	2	2	2	2	2,5
Hospitality														
Commercial Food Service		2,6												
Executive Housekeeping											6,7			
Fast Food Industry											6			
Food & Beverage											6			
Hospitality	2												2,5	
Hotel-Motel Management				1							2,6			
Travel Agent											6			
Travel-Tour Agency Manager											7			
Library Technology					2		1				2,7			
Public Administration											1			
Recreation														
Natural Resource Recreation											2			
Parks Management													2,5	
Pre-Professional Recreation											1			
Professional Golf Management					2									
Recreation Leader											2			
Bilingual Teacher Aide							7							
Social Services														
Community Nutrition Worker		5												
Counselor Technician										2,6		2		
Social Services, Subspeciality in Drug Counseling											1,6			
Social Work (Social Services)					2						1,5			
Youth Care											2,6			

CURRICULA MATRIX
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(Academic and Vocational)

TECHNOLOGY	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community College	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	Yavapai College
Air Conditioning & Refrigeration														
Air Conditioning/Refrigeration	2,5	2,5		7		2,5,6,7		5			5			
Air Cond. & Sheet Metal Tech.											7			
Air Cond., Heating, Ventilation											6			
Solar Technician						5								
Apprentice-Related Instruction											2,7,8			
Automotive Technology														
Alignment, Brakes and Chassis						5								
Automatic Transmissions						5								
Automotive (Service) Technology	2			1,2	2	2,4,7	1,2	2	2		2,3,7	2		2,5
Brake and Alignment								5						
Business and Sales		2,5		2										
Chassis					5									
Electrical & Fuel Systems								5						
Engine Overhaul & Air Cond.						5								
Engine Repair and Rebuilding							5				5	4		
Engines and Drive Trains					5									
Mechanics	5	2,6		6							7			
Power Transmissions											4			
Suspension and Brakes							5				4	4		
Tune-Up (Air Conditioning)					4	5	5				5	4		
Aviation and Aeronautics														
Airframe and Powerplant			2								5			
Professional Pilot Programs			2											
Building and Construction														
Building & Construction Inspection										2,6		2,5	2,5	
Building and Maintenance		5												
Building Trades		2,6		2										

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(Academic and Vocational)

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TECHNOLOGY (Cont'd)														
Building and Construction (Cont'd)														
Carpenters Technology		2,6		2					2					
Civil Engineering Technician		2,5												
Construction Graphics														2,5
House Wiring									2					
Masonry		5							2					
Plumbing		6							2					
Pre-Construction		2												
Sheet Metal Technology		6												
Chemical Technology	2									2				
Diesel and Heavy Equipment														
Diesel and Heavy Equipment (Mechanic)		2,6				5								
Diesel Engine Systems Technology				1,2		5								2,5
Diesel Mechanics		2,5		5										
Heavy Equipment Operator		2,5												
Drafting Technology														
Architectural											2,6,8			
Construction					2,5	2,5,6	1,2,5			2				
Drafting Technology (General)	2,5	6		1,2										
Electro-Mechanical			2,3,5			2,6,7	1,2,5			2	2,6			
Manufacturing					2,5									
Mechanical							1,2			2	2			
Electronics														
Appliance Service Technology						5								
Business Machine Technology						2,7								
Communications, Consumer, Digital Industrial Electronics Tech.											2,3,5,7			
Consumer Electronics											2,3,5,7			

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(Academic and Vocational)

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TECHNOLOGY (Cont'd)														
Electronics (Cont'd)														
Electrical						2,7								
Electrical - Electronics Technology						5								
Electro-Mechanical										5				
Electronics, General	2		2,3			2,7			2		5			2,5
Electronics Servicing		6			6					5				
General Electricity		5												
Industrial Electricity Technology		2,6		5		6		2						
Television Repair											5			
Vocational Electricty		5												
Engineering														
Civil Engineering Technology		2,5								2				
Electronics Engineering Technology				1,2	2		1			2,5				
Engineering	2						1			3				
Mechanical Engineering Technology				1,2										
Jewelry				2				2,5						
Machine Shop Technology														
Machine Shop Technology		2,6		1,2		5	5				5			
Machine Tool Technology								5			2,7			
Machinist's Standard Certificate											6			
Quality Control Technology					2		1,2							
Manufacturing														
Manufacturing Graphics Technology														2,6
Mfg. Materials Processes Technology	2						1,2,5							2,5
Mfg.: Welding Fabrication														2,5
Mechanical Maintenance								6						
Electrical Maintenance								6						
Quality Control Inspection								5						

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TECHNOLOGY (Cont'd)														
Marine Power														
Marine Power - Inboard, Outboard								5						
Marine Technology								2,6						
Mining Technology														
Mining Laboratory Technology		2												
Mining Technology		2,6		1,2										2
Sheet Metal														
Sheet Metal Layout & Fabrication											5,6			
Technical Report Writing				1,2										
Trade and Industrial Technology														
General Technology	2	2,5												
Industrial Arts (Education)	1								2					
Trade & Industrial Technology											2			
Water & Wastewater Plant Operation		8						4						
Wastewater Technology											2,5,6			
Welding														
Certified Welder			6											
Welding Technology	2,5	2,6		2,5		2,5,6,7	5		2		2,5,6,7			

SECTION SIX

HISTORICAL OVERVIEW

OF

COMMUNITY COLLEGES

ACTUAL FTSE AND STATE AVERAGE OPERATIONAL COST PER FTSE

YEAR	TOTAL FTSE	PERCENT INCREASE (DECREASE)	AVERAGE OPERATIONAL COST PER FTSE	PERCENT INCREASE (DECREASE)
1964-65	9,308		$ 667	
1965-66	12,227	31.4 %	651	(2.4 %)
1966-67	14,052	14.9 %	737	13.2 %
1967-68	15,615	11.1 %	826	12.1 %
1968-69	17,930	14.8 %	883	6.9 %
1969-70	21,506	19.9 %	949	7.5 %
1970-71	26,672	24.0 %	1,078	13.6 %
1971-72	30,550	14.5 %	1,147	6.4 %
1972-73	30,957	1.3 %	1,253	9.1 %
1973-74	34,915	12.8 %	1,257	0.3 %
1974-75	44,808	28.3 %	1,252	(0.4 %)
1975-76	53,388	19.1 %	1,267	1.2 %
1976-77	50,060	(6.2 %)	1,484	17.1 %
1977-78	50,707	1.3 %	1,606	8.2 %
1978-79	49,455	(2.5 %)	1,871	16.5 %

AVERAGE OPERATIONAL STATE AID PER FTSE FROM THE STATE AND FROM DISTRICT LEVIES

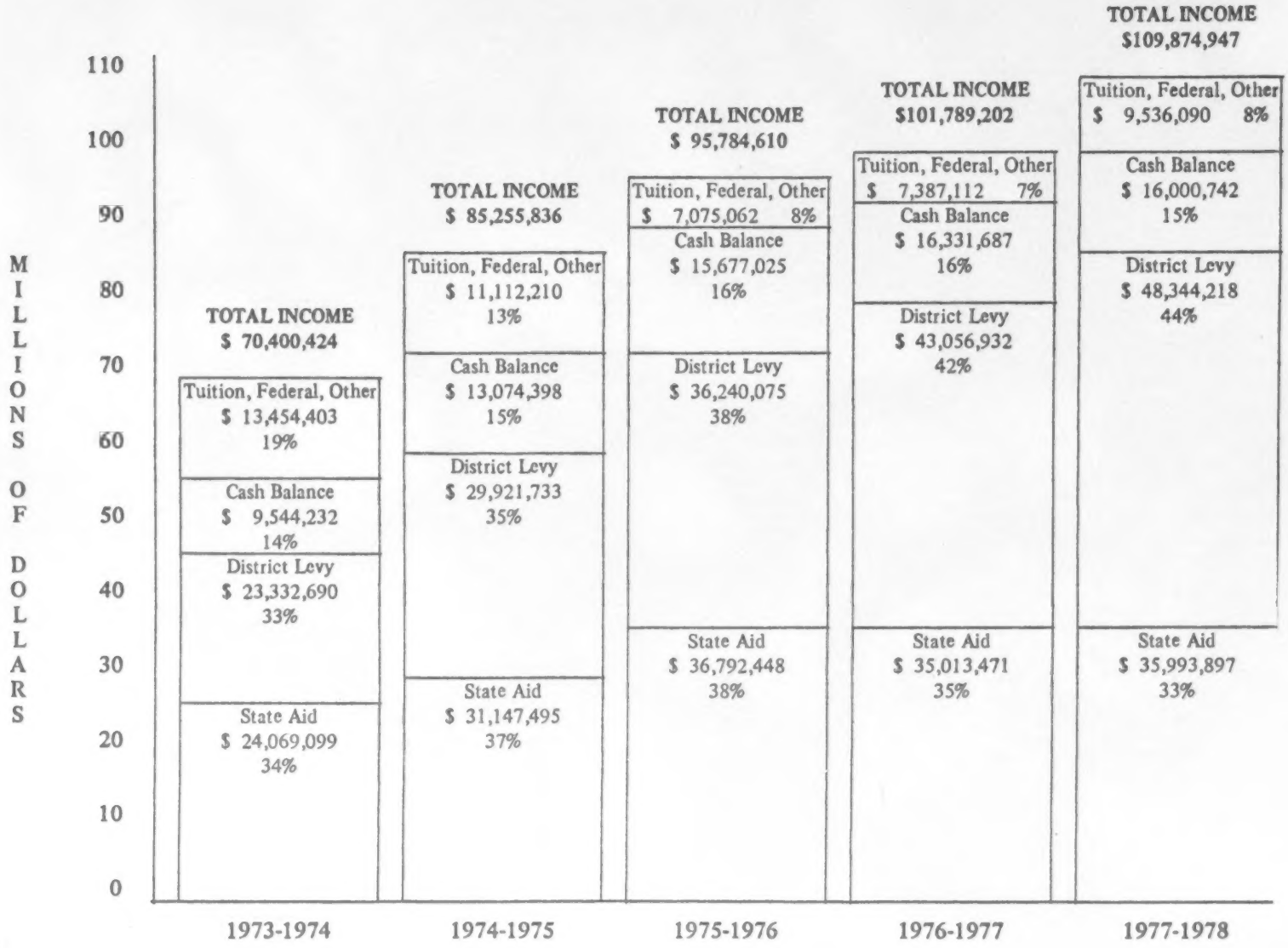
YEAR	AVERAGE OPERATIONAL COST/FTSE	AVERAGE OPERATIONAL STATE AID PER FTSE & PERCENT OF AVERAGE COST		AVERAGE DISTRICT LEVY FOR OPERATIONAL COST PER FTSE & PERCENT OF AVERAGE COST	
1972-73	$1,253	$570	45.5 %	$602	48.0 %
1973-74	1,257	566	45.0 %	625	49.7 %
1974-75	1,252	560	44.7 %	619	49.4 %
1975-76	1,267	554	43.7 %	634	50.0 %
1976-77	1,484	554	37.3 %	808	54.4 %
1977-78	1,606	575	35.8 %	896	55.8 %
1978-79	1,871	577	30.8 %	1,101	58.8 %

OVERVIEW OF COMMUNITY COLLEGE DISTRICT TAX RATES

THE FOLLOWING TABLE ILLUSTRATES COMMUNITY COLLEGE DISTRICT TAX RATES FROM FISCAL YEAR 1973-74 THROUGH 1978-79.

DISTRICT	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	AVERAGE
COCHISE	$1.05	$1.00	$1.12	$1.09	$0.92	$1.27	$1.08
GRAHAM	0.86	1.00	1.07	1.10	1.35	1.35	1.12
MARICOPA	0.57	0.57	0.59	0.71	0.76	0.84	0.67
MOHAVE	0.38	0.59	0.69	0.70	0.80	0.88	0.67
NAVAJO	0.14	0.98	0.90	0.84	0.76	0.68	0.72
PIMA	0.48	0.60	0.60	0.67	0.65	0.84	0.64
PINAL	0.81	1.13	0.98	1.14	1.19	1.30	1.09
YAVAPAI	1.05	1.06	1.23	1.35	1.35	1.58	1.27
YUMA	1.22	1.14	1.32	1.27	1.39	1.64	1.33
AVERAGE	$0.73	$0.90	$0.94	$0.99	$1.02	$1.15	$0.95

TOTAL REVENUE SOURCES
FY 1973-74 through FY 1977-78



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APR 25 1980

TOTAL EXPENDITURES
FY 1973-74 through FY 1977-78